

National Highway Traffic Safety Administration

# Crash

**DRAFT** 

National Motor Vehicle

U.S. Department of Transportation Crash Causation Survey Primary Sampling Unit #

S	Sample Year/ Case Number 2 0 0 5 /	
1	Date of crash           Enter Date	541
2	PAR time of crash	171
	Enter time:	
	9999 Unknown time of crash	
3	Longitude  Enter degs mins	3066
4	Latitude	3067
	Enter degs mins	0007
5	Presence at crash scene	2836
	Fill all that apply	
(	1 Not on-scene, nothing present	
	2 Crash vehicles present	
(	3 Police present	
(	O 4 EMS present	
(	1 Not on-scene, nothing present 2 Crash vehicles present 3 Police present 4 EMS present 5 Drivers present 6 Occupants present 7 Non-motorists present 8 Other present (specify):	
(	6 Occupants present	
(	7 Non-motorists present	
(	8 Other present (specify):	



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National Motor Vehicle

Crash Causation Survey

National Highway Traffic Safety Administration U.S. Department of Transportation

Primary Sampling Unit #	
Sample Year/ Case Number	2005/

Events						
Event	Vehicle		Area of		Area of	
#	#	Vehicle Class	Damage	Object Hit	Damage	Hit Vehicle Class
1						
2						
3						
4						
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6						
7						
8						
9						
10						
11						
12						
13						
14						
15						

Please refer to attached appendix lists for Vehicle Class and Area of Damage columns.



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Primary Sampling Unit #	
Sample Year/ Case Number	2005/

Vehicles					
hicle		Model	Model		
# Make	Model	Year	In Transpor		
1					
2					
3					
4					
5					
6					
7					
8					
9					
<b>3</b>					
10					

Please refer to attached appendix list for In-transport column



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Crash Summary				



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Primary Sampling Unit #	
Sample Year/ Case Number	2005/

# General Area of Damage CDS Applicable Vehicle

- 2 Noncollision
- 3 Front
- 4 Right Side
- 5 Left Side
- 6 Back
- 7 Top
- 8 Undercarriage
- 9 Unknown

### Medium/Heavy Truck

- 11 Noncollision
- 12 Front
- 13 Right Side
- 14 Left Side
- 15 Bk of unit with cargo area-rear of trailer or straight truck
- 16 Back (rear of tractor)
- 17 Rear of cab
- 18 Front of cargo area
- 19 Top
- 20 Undercarriage
- 21 Unknown



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### General area of damage of struck vehicle

### **CDS Applicable Vehicle**

- 1 Not a motor vehicle
- 2 Noncollision
- 3 Front
- 4 Right Side
- 5 Left Side
- 6 Back
- 7 Top
- 8 Undercarriage
- 9 Unknown

#### Medium/Heavy Truck

- 10 Not a motor vehicle
- 11 Noncollision
- 12 Front
- 13 Right Side
- 14 Left Side
- 15 Bk of unit with cargo area-rear of trailer or straight truck
- 16 Back (rear of tractor)
- 17 Rear of cab
- 18 Front of cargo area
- 19 Top
- 20 Undercarriage
- 21 Unknown

### In-transport status

- 1 In transport
- 2 Not in transport
- 3 Working motor vehicle

9999 Unknown



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Object Contacted Values		
Collision with Fixed Object		
Tree(<= 10 cm in diameter)	41	
Tree(> 10 cm in diameter)	42	
Shrubbery or bush	43	
Embankment	44	
Nonbreakaway pole or post(>30 cm in diameter)	52	
Concrete traffic barrier	54	
Other traffic barrier(includes guardrail) (specify)	56	
Impact attenuator	55	
Nonbreakaway pole or post(diameter unknown)	53	
Unknown fixed object	69	
Other fixed object (specify)	68	
Bridge	64	
Curb	63	
Fire hydrant	62	
Ground	61	
Ditch or culvert	60	
Building	59	
Wall	58	
Fence	57	
Nonbreakaway pole or post(>10 cm but <= 30 cm in diameter)	51	
Nonbreakaway pole or post (<=10cm in diameter)	50	
Breakaway pole or post (any diameter)	45	
Collision with Nonfixed Object		
Pedestrian	72	
Train	77	
Object fell from vehicle in-transport	79	
Unknown nonfixed object	89	
Other nonfixed object (specify)	88	
Trailer, disconnected in transport	78	
Animal	76	
Cyclist or cycle	73	
Vehicle occupant	75	
Other nonmotorist or conveyance (specify)	74	
Noncollision	04	
Overturn->rollover(excludes end-over-end)	31	
Rollover->end-over-end	32	
Fire or explosion	33	
Jackknife (Company)	34	
Other intraunit damage (specify)	35	
Noncollision injury	36	
Other noncollision (specify)	38	



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National Motor Vehicle

Crash Causation Survey

National Highway Traffic Safety Administration U.S. Department of Transportation

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Primary Sampling Unit #	
Sample Year/ Case Number	2005/

Vehicle Classes and Body Types	
Compact (wheelbase >= 254 but < 265 cm) Automobile Derivatives	02
Auto based pickup	
Auto based panel	
Large limousine	
Three-wheel automobile or automobile derivative	
Automobiles Convertible	
2-door sedan, hardtop, coupe	
3-door/2-door hatchback	
Station Wagon	
Hatchback, number of doors unknown	
5-door/4-door hatchback	
4-door sedan, hardtop	
Other automobile type	
3-door coupe	
Unknown automobile type	
Compact pickup truck ( <= 4,536 kgs GVWR)  Light Conventional Trucks (Pickup style cab,<=4,536kgs GVWR)  Compact pickup	30
Compact utility vehicle Utility Vehicles (<= 4,536 kgs GVWR) Compact utility	14
Full Size (wheelbase >= 278 but < 291 cm) Automobile Derivatives Auto based pickup	04
Large limousine	
Three-wheel automobile or automobile derivative	
Auto based panel	



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Primary Sampling Unit # \_\_\_\_\_ \_\_

Sample Year/ Case Number 2 0 0 5 / \_\_\_\_ \_\_\_

#### **Automobiles**

Convertible

4-door sedan, hardtop

Station Wagon

Other automobile type

Unknown automobile type

Hatchback, number of doors unknown

5-door/4-door hatchback

3-door/2-door hatchback

2-door sedan, hardtop, coupe

#### Intermediate (wheelbase >= 265 but < 278 cm)

03

#### Automobile Derivatives

Auto based pickup

Auto based panel

Large limousine

Three-wheel automobile or automobile derivative

#### **Automobiles**

Convertible

4-door sedan, hardtop

2-door sedan, hardtop, coupe

3-door/2-door hatchback

5-door/4-door hatchback

Hatchback, number of doors unknown

Unknown automobile type

Other automobile type

Station Wagon

## Large pickup truck ( <= 4,536 kgs GVWR)

31

15

### Light Conventional Trucks (Pickup style cab,<=4,536kgs GVWR)

Large pickup

### Large utility vehicle ( <= 4,536 kgs GVWR)

Utility Vehicles (<= 4,536 kgs GVWR)

Large utility

#### Large van ( <= 4,536 kgs GVWR)

21

Van Based Light Trucks (<= 4,536 kgs GVWR)

Large van

### Largest (wheelbase >= 291 cm)

05

Automobile Derivatives

Auto based pickup

Auto based panel

Three-wheel automobile or automobile derivative

Large limousine

<u>Cra</u>sh 5/25/2005

Page 10 of 14



National Highway Traffic Safety Administration

U.S. Department of Transportation

## Crash

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National Motor Vehicle Crash Causation Survey

Primary Sampling Unit #

Sample Year/ Case Number 2005/ **Automobiles** Convertible 2-door sedan, hardtop, coupe 3-door/2-door hatchback 4-door sedan, hardtop Station Wagon Unknown automobile type Other automobile type Hatchback, number of doors unknown 5-door/4-door hatchback Minivan ( <= 4,536 kgs GVWR) 20 Van Based Light Trucks (<= 4,536 kgs GVWR) Minivan Motored cycle 80 Motored Cycles(Does Not Include all-Terrain Veh /Cycles) Motorcycle Moped Three-wheel motorcycle or moped Unknown motored cycle type Other motored cycle (minibike, motorscooter) Other bus (>4,536 kgs GVWR) 58 **Buses (Excludes Van Based)** Other bus type Other light truck ( <= 4,536 kgs GVWR) 45 Other Light Trucks (<= 4,536 kgs GVWR) Cab chassis based Other light conventional truck type Light truck based motorhome (chassis mounted) Truck based panel Other pickup truck type ( <= 4,536 kgs GVWR) 38 Light Conventional Trucks (Pickup style cab,<=4,536kgs GVWR) Pickup with slide-in camper Convertible pickup Other van type ( <= 4,536 kgs GVWR) 28 Van Based Light Trucks (<= 4,536 kgs GVWR) Step van or walk-in van Van based motorhome Other van type Van based other bus Other vehicle



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National Highway Traffic Safety Administration U.S. Department of Transportation

Primary Sampling Unit # Sample Year/ Case Number 2005/

Other Vehicles

ATV(All-Terrain Vehicle) & ATC(All-Terrain Cycle)

Farm equipment other than trucks

Other vehicle type

Construction equipment other than trucks

Snowmobile

School bus (excludes van based)(>4,536 kgs GVWR) 50

**Buses (Excludes Van Based)** 

School bus

Subcompact/mini (wheelbase < 254 cm) 01

**Automobile Derivatives** 

Auto based pickup

Auto based panel

Three-wheel automobile or automobile derivative

Large limousine

**Automobiles** 

Convertible

2-door sedan, hardtop, coupe

3-door/2-door hatchback

3-door coupe

4-door sedan, hardtop

5-door/4-door hatchback

Station Wagon

Hatchback, number of doors unknown

Other automobile type

Unknown automobile type

Tractor without trailer 67

Medium/Heavy Trucks (> 4,536 kgs GVWR)

Truck-tractor with no cargo trailer

Tractor-trailer(s) 68

Medium/Heavy Trucks (> 4,536 kgs GVWR)

Truck-tractor pulling one trailer

Truck-tractor pulling two or more trailers

Truck-tractor (unknown if pulling trailer)

Truck (>4,536 kgs GVWR) 60

**Automobiles** 

Station Wagon

5/25/2005 Page 12 of 14 Crash 05252005-12



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National Motor Vehicle
Crash Causation Survey

National Highway Traffic Safety Administration U.S. Department of Transportation

### Medium/Heavy Trucks (> 4,536 kgs GVWR) Step van Single unit straight truck(4500kg<GVWR<=8850kg) Single unit straight truck (GVWR > 12,000 kgs) Medium/heavy Pickup (>=4,536 kgs) Medium/heavy truck based motorhome Single unit straight truck (GVWR unknown) Single unit straight truck(8850kg<GVWR<=12000kg) Unknown 99 **Unknown Vehicle Type** Unknown body type Unknown bus type 59 **Buses (Excludes Van Based)** Unknown bus type Unknown light truck type ( <= 4,536 kgs GVWR) 48 Other Light Trucks (<= 4,536 kgs GVWR) Unknown light truck type Unknown light vehicle type 49 **Unknown Vehicle Type** Unknown light vehicle type Unknown light/medium/heavy truck type 79 Medium/Heavy Trucks (> 4,536 kgs GVWR) Unknown truck type (light/medium/heavy) Unknown medium/heavy truck type 78 Medium/Heavy Trucks (> 4,536 kgs GVWR) Unknown medium/heavy truck type Unknown passenger car size 09 **Automobile Derivatives** Auto based pickup Three-wheel automobile or automobile derivative Large limousine Auto based panel **Automobiles** Convertible 2-door sedan, hardtop, coupe 3-door/2-door hatchback 4-door sedan, hardtop 5-door/4-door hatchback Station Wagon Hatchback, number of doors unknown

Other automobile type
Unknown automobile type

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National Motor Vehicle Crash Causation Survey

National Highway Traffic Safety Administration U.S. Department of Transportation

Primary Sampling Unit #

Utility Vehicles (<= 4,536 kgs GVWR)  Utility, unknown body type  nknown van type ( <= 4,536 kgs GVWR)  Van Based Light Trucks (<= 4,536 kgs GVWR)  Unknown van type  tility station wagon ( <= 4,536 kgs GVWR)  Utility Vehicles (<= 4,536 kgs GVWR)  Utility station wagon  an Based school bus ( <= 4,536 kgs GVWR)	Unknown pick up truck (<=4,536 kgs GVWR)	39
nknown utility type Utility Vehicles (<= 4,536 kgs GVWR) Utility, unknown body type  nknown van type ( <= 4,536 kgs GVWR) Van Based Light Trucks (<= 4,536 kgs GVWR) Unknown van type  tility station wagon ( <= 4,536 kgs GVWR) Utility Vehicles (<= 4,536 kgs GVWR) Utility station wagon an Based school bus ( <= 4,536 kgs GVWR)	Light Conventional Trucks (Pickup style cab,<=4,536kgs GV	VR)
Utility Vehicles (<= 4,536 kgs GVWR)  Utility, unknown body type  nknown van type ( <= 4,536 kgs GVWR)  Van Based Light Trucks (<= 4,536 kgs GVWR)  Unknown van type  tility station wagon ( <= 4,536 kgs GVWR)  Utility Vehicles (<= 4,536 kgs GVWR)  Utility station wagon  an Based school bus ( <= 4,536 kgs GVWR)	Unknown pickup style light conventional truck type	
Utility, unknown body type  Inknown van type ( <= 4,536 kgs GVWR)  Van Based Light Trucks (<= 4,536 kgs GVWR)  Unknown van type  tility station wagon ( <= 4,536 kgs GVWR)  Utility Vehicles (<= 4,536 kgs GVWR)  Utility station wagon  an Based school bus ( <= 4,536 kgs GVWR)  24	Unknown utility type	19
nknown van type ( <= 4,536 kgs GVWR)  Van Based Light Trucks (<= 4,536 kgs GVWR)  Unknown van type  tility station wagon ( <= 4,536 kgs GVWR)  Utility Vehicles (<= 4,536 kgs GVWR)  Utility station wagon  an Based school bus ( <= 4,536 kgs GVWR)	Utility Vehicles (<= 4,536 kgs GVWR)	
Van Based Light Trucks (<= 4,536 kgs GVWR)  Unknown van type  tility station wagon ( <= 4,536 kgs GVWR)  Utility Vehicles (<= 4,536 kgs GVWR)  Utility station wagon  an Based school bus ( <= 4,536 kgs GVWR)	Utility, unknown body type	
Unknown van type  tility station wagon ( <= 4,536 kgs GVWR)  Utility Vehicles (<= 4,536 kgs GVWR)  Utility station wagon  an Based school bus ( <= 4,536 kgs GVWR)	Unknown van type ( <= 4,536 kgs GVWR)	29
tility station wagon ( <= 4,536 kgs GVWR)  Utility Vehicles (<= 4,536 kgs GVWR)  Utility station wagon  an Based school bus ( <= 4,536 kgs GVWR)  24	Van Based Light Trucks (<= 4,536 kgs GVWR)	
Utility Vehicles (<= 4,536 kgs GVWR)  Utility station wagon  an Based school bus ( <= 4,536 kgs GVWR)  24	Unknown van type	
Utility station wagon an Based school bus ( <= 4,536 kgs GVWR) 24	Utility station wagon ( <= 4,536 kgs GVWR)	16
an Based school bus ( <= 4,536 kgs GVWR) 24	Utility Vehicles (<= 4,536 kgs GVWR)	
- · · · · · · · · · · · · · · · · · · ·	Utility station wagon	
Van Basad Light Trucks (<- 4.536 kgs CVMP)	Van Based school bus ( <= 4,536 kgs GVWR)	24
vali baseu Light Hucks (>- 4,556 kgs GVVVK)	Van Based Light Trucks (<= 4,536 kgs GVWR)	
Van based school bus	Van based school bus	